ABSTRACT

A transmission side has first through Nth moving picture encoder/senders (101-1 through 101-N) for compressing moving picture frames into N encoded data and sending the encoded data. Second through Nth

5   moving picture encoder/senders (101-2 through 101-N) compress frames encoded by the first moving picture encoder/sender 101-1 at compression ratios which are higher than that of the first encoder/sender based on interframe prediction by referring to frames at the same time as the interframe prediction performed by the first moving picture encoder/sender. Each one of reception

10   sides selects the encoded data having the lowest compression ratio and high image quality with frame-by-frame or packet-by-packet selection from the received encoded data without error and decodes the selected encoded data.